



SEQUENCE LISTING

RECEIVED

JUN 28 2002

TECH CENTER 1600/2900

<110> Garnaat, Carl W.
 Lowe, Keith S.
 Roth, Bradley A.

<120> ZmAxig1 Polynucleotides and Methods of Use

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<140> US 09/905,558
 <141> 2001-07-13

<150> US 60/217,942
 <151> 2000-07-13

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Met Glu Leu	
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Glu Leu Gly Leu Ala Pro Pro Asn Pro His Gln Pro Leu Ala Ala Ala	
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gcc gag ttc gtc ggt ctc ctc agc agc tcg gct ggc tcg tgc ggg aac	274
Ala Glu Phe Val Gly Leu Leu Ser Ser Ala Gly Ser Cys Gly Asn	
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Pro Leu Phe Val Cys Glu Asp Gly Asp Gly Gly Gly Asp Arg Asp	
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Arg Asp Gly Val Val Asp His Glu Gln Gln Ser Asn Asn Val Pro Arg	
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 Lys Lys Arg Leu Val Gly Trp Pro Pro Val Lys Cys Ala Arg Arg Arg
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 Ser Cys Gly Gly Gly Tyr Val Lys Val Lys Leu Glu Gly Val Pro Ile
 100 105 110 115

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 Gly Arg Lys Val Asp Val Ser Ile His Gly Ser Tyr Gln Glu Leu Leu
 120 125 130

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 Arg Thr Leu Glu Ser Met Phe Pro Ser Gly Asn Gln Gln Asp His Ala
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 Val Val Thr Tyr Glu Asp Gly Glu Gly Asp Trp Leu Leu Val Gly Asp
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 Asp Val Pro Trp Glu Val Phe Val Lys Ser Val Lys Arg Leu Lys Ile
 180 185 190 195

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 Leu Ala *

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 35 40 45

Ala Thr Leu Pro Leu Phe Val Cys Glu Asp Gly Asp Gly Gly Gly
 50 55 60

Asp Arg Asp Arg Asp Gly Val Val Asp His Glu Gln Gln Ser Asn Asn
 65 70 75 80

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115	120	125
Glu Leu Leu Arg Thr Leu Glu Ser Met Phe Pro Ser Gly Asn Gln Gln		
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Asp His Ala Glu Asp Glu Val Val Val Ser His Glu Arg Arg Arg		
145	150	155
His Pro Tyr Val Val Thr Tyr Glu Asp Gly Glu Gly Asp Trp Leu Leu		160
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cataaaatcca aagtagggagc	ggtgcatgtat	gagaatcgct	ctcagactc	660
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caaccactc acgaaacccc	gtcccgccg	tgccgtgtc	ggccgcgtct	960
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tag						3123

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<213> Zea mays

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<213> Artificial Sequence
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<400> 8
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<223> Designed oligonucleotide based upon the adapter sequence and poly T to remove clones which have a poly A tail but no cDNA.		
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Xaa Ile Gln Glu Cys Val Ser Glu Tyr Ile Ser Phe Xaa Thr Xaa Glu
 35 40 45

Ala Asn Xaa Arg Cys Xaa Xaa Xaa Arg Lys Thr Xaa Xaa Xaa Glu
 50 55 60

Xaa
 65